

Выписка из ТС 152 мм Г 2А65 и СГ 2С19 для равнинных и горных условий ОФ25, ОФ-540 (ОФ-540Ж) Заряд второй V<sub>0</sub> = 517 м/сек

| Д            | Пр  | ΔX <sub>тыс</sub> | Вθ | Z   | ΔZ <sub>W</sub> | ΔX <sub>W</sub> | ΔX <sub>H</sub> | ΔX <sub>T</sub> | ΔX <sub>V0</sub> | θ <sub>C</sub> | t <sub>C</sub> | Y <sub>S</sub> | Y <sub>БЮЛЛ</sub> | Д            |
|--------------|-----|-------------------|----|-----|-----------------|-----------------|-----------------|-----------------|------------------|----------------|----------------|----------------|-------------------|--------------|
| м            | тыс | м                 | м  | тыс | тыс             | м               | м               | м               | м                | град           | сек            | м              | м                 | м            |
|              |     |                   |    | -   | -               | -               | +               | -               | -                |                |                |                |                   |              |
| <b>5000</b>  | 123 | 29                | 14 | 3   | 5               | 48              | 18              | 41              | 76               | 10             | 12             | 190            | 200               | <b>5000</b>  |
| 200          | 130 | 28                | 14 | 3   | 5               | 52              | 19              | 45              | 78               | 11             | 13             | 210            | 200               | 200          |
| 400          | 137 | 28                | 14 | 3   | 6               | 57              | 20              | 48              | 80               | 11             | 14             | 232            | 300               | 400          |
| 600          | 144 | 27                | 15 | 3   | 6               | 62              | 21              | 52              | 82               | 12             | 14             | 255            | 300               | 600          |
| 800          | 152 | 26                | 15 | 3   | 6               | 67              | 22              | 56              | 84               | 13             | 15             | 279            | 300               | 800          |
| <b>6000</b>  | 160 | 26                | 15 | 3   | 6               | 73              | 24              | 60              | 86               | 13             | 16             | 305            | 400               | <b>6000</b>  |
| 200          | 167 | 25                | 15 | 3   | 6               | 78              | 25              | 64              | 87               | 14             | 16             | 332            | 400               | 200          |
| 400          | 175 | 25                | 16 | 4   | 7               | 84              | 26              | 68              | 89               | 15             | 17             | 361            | 500               | 400          |
| 600          | 184 | 24                | 16 | 4   | 7               | 91              | 27              | 72              | 91               | 16             | 18             | 392            | 500               | 600          |
| 800          | 192 | 24                | 16 | 4   | 7               | 97              | 28              | 77              | 92               | 16             | 18             | 424            | 500               | 800          |
| <b>7000</b>  | 201 | 23                | 17 | 4   | 7               | 104             | 29              | 81              | 93               | 17             | 19             | 458            | 600               | <b>7000</b>  |
| 200          | 209 | 23                | 17 | 4   | 7               | 110             | 30              | 86              | 95               | 18             | 20             | 494            | 600               | 200          |
| 400          | 218 | 22                | 17 | 5   | 8               | 117             | 30              | 90              | 96               | 19             | 21             | 531            | 700               | 400          |
| 600          | 227 | 22                | 17 | 5   | 8               | 124             | 31              | 95              | 97               | 19             | 21             | 571            | 800               | 600          |
| <b>P 800</b> | 237 | 21                | 18 | 5   | 8               | 132             | 32              | 100             | 99               | 20             | 22             | 612            | 800               | <b>P 800</b> |
| <b>8000</b>  | 246 | 21                | 18 | 5   | 8               | 139             | 33              | 105             | 100              | 21             | 23             | 655            | 900               | <b>8000</b>  |
| 200          | 256 | 21                | 18 | 5   | 8               | 147             | 34              | 109             | 101              | 22             | 23             | 700            | 1000              | 200          |
| 400          | 266 | 20                | 18 | 6   | 8               | 154             | 35              | 114             | 102              | 23             | 24             | 748            | 1000              | 400          |
| 600          | 276 | 20                | 19 | 6   | 8               | 162             | 36              | 119             | 103              | 23             | 25             | 797            | 1100              | 600          |
| 800          | 286 | 19                | 19 | 6   | 9               | 171             | 37              | 124             | 104              | 24             | 26             | 849            | 1200              | 800          |
| <b>9000</b>  | 296 | 19                | 19 | 6   | 9               | 178             | 38              | 129             | 106              | 25             | 27             | 904            | 1300              | <b>9000</b>  |
| 200          | 307 | 19                | 19 | 7   | 9               | 186             | 39              | 134             | 107              | 26             | 27             | 959            | 1400              | 200          |
| 400          | 318 | 18                | 20 | 7   | 9               | 194             | 40              | 139             | 108              | 27             | 28             | 1010           | 1500              | 400          |

|              |     |    |    |    |    |     |    |     |     |    |    |      |      |              |
|--------------|-----|----|----|----|----|-----|----|-----|-----|----|----|------|------|--------------|
| 600          | 329 | 18 | 20 | 7  | 9  | 202 | 41 | 144 | 109 | 28 | 29 | 1070 | 1600 | 600          |
| 800          | 341 | 17 | 20 | 8  | 9  | 210 | 42 | 149 | 110 | 29 | 30 | 1140 | 1700 | 800          |
| <b>10000</b> | 352 | 17 | 21 | 8  | 10 | 219 | 44 | 154 | 111 | 30 | 31 | 1210 | 1700 | <b>10000</b> |
| 200          | 364 | 17 | 21 | 8  | 10 | 227 | 45 | 159 | 112 | 30 | 32 | 1280 | 1800 | 200          |
| 400          | 376 | 16 | 21 | 8  | 10 | 236 | 46 | 164 | 114 | 31 | 33 | 1350 | 1900 | 400          |
| 600          | 389 | 16 | 21 | 8  | 10 | 244 | 47 | 169 | 115 | 32 | 34 | 1430 | 2000 | 600          |
| 800          | 402 | 15 | 22 | 9  | 10 | 252 | 48 | 174 | 116 | 33 | 35 | 1510 | 2100 | 800          |
| <b>11000</b> | 415 | 15 | 22 | 9  | 10 | 261 | 50 | 179 | 117 | 34 | 35 | 1590 | 2200 | <b>11000</b> |
| 200          | 429 | 14 | 22 | 10 | 10 | 269 | 51 | 184 | 118 | 35 | 36 | 1680 | 2300 | 200          |
| 400          | 444 | 14 | 23 | 10 | 11 | 278 | 52 | 188 | 119 | 36 | 37 | 1780 | 2400 | 400          |
| 600          | 459 | 13 | 23 | 11 | 11 | 287 | 53 | 193 | 121 | 37 | 38 | 1880 | 2600 | 600          |
| 800          | 474 | 12 | 23 | 11 | 11 | 295 | 55 | 198 | 122 | 38 | 40 | 1990 | 2700 | 800          |

|               |      |     |    |    |    |     |    |     |     |    |    |      |      |               |
|---------------|------|-----|----|----|----|-----|----|-----|-----|----|----|------|------|---------------|
|               |      |     |    | -  | -  | -   | +  | -   | -   |    |    |      |      |               |
| <b>12000</b>  | 491  | 12  | 24 | 12 | 11 | 304 | 56 | 202 | 123 | 39 | 41 | 2100 | 2800 | <b>12000</b>  |
| 200           | 508  | 11  | 24 | 12 | 11 | 313 | 58 | 207 | 125 | 40 | 42 | 2220 | 3000 | 200           |
| 400           | 527  | 10  | 25 | 13 | 11 | 322 | 59 | 211 | 126 | 42 | 43 | 2360 | 3100 | 400           |
| 600           | 547  | 9,5 | 25 | 13 | 12 | 331 | 61 | 216 | 128 | 43 | 44 | 2510 | 3300 | 600           |
| 800           | 569  | 8,6 | 25 | 14 | 12 | 340 | 63 | 220 | 129 | 44 | 46 | 2680 | 3500 | 800           |
| <b>13000</b>  | 594  | 7,5 | 26 | 15 | 12 | 349 | 64 | 223 | 131 | 46 | 47 | 2870 | 3800 | <b>13000</b>  |
| 200           | 623  | 6,1 | 27 | 16 | 13 | 358 | 66 | 227 | 133 | 48 | 49 | 3090 | 4000 | 200           |
| 400           | 661  | -   | 27 | 17 | 13 | 369 | 68 | 231 | 135 | 50 | 52 | 3390 | 4300 | 400           |
| <b>M13590</b> | 747  | -   | 28 | 21 | 14 | 383 | 72 | 232 | 138 | 54 | 57 | 4080 | 4900 | <b>M13590</b> |
| 13400         | 831  | 4,6 | 28 | 26 | 15 | 387 | 72 | 226 | 137 | 59 | 62 | 4760 | 5500 | 13400         |
| 200           | 867  | 6,6 | 28 | 28 | 16 | 385 | 72 | 222 | 136 | 61 | 64 | 5040 | 5700 | 200           |
| 13000         | 894  | 8,1 | 28 | 30 | 16 | 383 | 71 | 217 | 134 | 62 | 65 | 5250 | 5900 | 13000         |
| 12800         | 917  | 9,5 | 27 | 32 | 17 | 381 | 70 | 213 | 133 | 63 | 66 | 6030 | 6600 | 12800         |
| 600           | 937  | 11  | 27 | 33 | 17 | 378 | 69 | 209 | 131 | 64 | 67 | 6120 | 6600 | 600           |
| 400           | 955  | 12  | 27 | 35 | 18 | 376 | 69 | 206 | 129 | 65 | 68 | 6210 | 6600 | 400           |
| 200           | 971  | 13  | 26 | 37 | 18 | 373 | 68 | 202 | 127 | 66 | 68 | 6290 | 6700 | 200           |
| 12000         | 987  | 13  | 26 | 38 | 19 | 370 | 67 | 198 | 126 | 66 | 69 | 6370 | 6700 | 12000         |
| 11800         | 1001 | 14  | 25 | 40 | 19 | 368 | 66 | 195 | 124 | 67 | 70 | 6440 | 6700 | 11800         |
| 600           | 1015 | 15  | 25 | 41 | 20 | 365 | 65 | 191 | 122 | 68 | 70 | 6510 | 6800 | 600           |
| 400           | 1028 | 16  | 25 | 43 | 20 | 362 | 64 | 188 | 120 | 68 | 71 | 6570 | 6800 | 400           |
| 200           | 1041 | 16  | 24 | 45 | 21 | 359 | 63 | 184 | 118 | 69 | 71 | 6630 | 6800 | 200           |
| 11000         | 1053 | 17  | 24 | 46 | 21 | 357 | 62 | 181 | 116 | 69 | 72 | 6690 | 6800 | 11000         |

Примечание: На дальностях меньше буквы **Р** с жирной линией возможна стрельба на рикошетах.

На дальностях больше буквы **М** с жирной линией – мортирная стрельба.

**Выписка из ТС 152 мм Г 2А65 и СГ 2С19 для равнинных и горных условий  
ОФ25, ОФ-540 (ОФ-540Ж) Заряд второй  $V_0 = 517$  м/сек**

| Д            | Пр  | $\Delta X_{\text{тыс}}$ | $B\theta$ | Z   | $\Delta Z_W$ | $\Delta X_W$ | $\Delta X_H$ | $\Delta X_T$ | $\Delta X_{V_0}$ | $\theta_C$ | $t_C$ | $Y_S$ | $Y_{\text{БЮЛЛ}}$ | Д            |
|--------------|-----|-------------------------|-----------|-----|--------------|--------------|--------------|--------------|------------------|------------|-------|-------|-------------------|--------------|
| м            | тыс | м                       | м         | тыс | тыс          | м            | м            | м            | м                | град       | сек   | м     | м                 | м            |
|              |     |                         |           | –   | –            | –            | +            | –            | –                |            |       |       |                   |              |
| <b>7000</b>  | 201 | 23                      | 17        | 4   | 7            | 104          | 29           | 81           | 93               | 17         | 19    | 458   | 600               | <b>7000</b>  |
| 200          | 209 | 23                      | 17        | 4   | 7            | 110          | 30           | 86           | 95               | 18         | 20    | 494   | 600               | 200          |
| 400          | 218 | 22                      | 17        | 5   | 8            | 117          | 30           | 90           | 96               | 19         | 21    | 531   | 700               | 400          |
| 600          | 227 | 22                      | 17        | 5   | 8            | 124          | 31           | 95           | 97               | 19         | 21    | 571   | 800               | 600          |
| <b>P 800</b> | 237 | 21                      | 18        | 5   | 8            | 132          | 32           | 100          | 99               | 20         | 22    | 612   | 800               | <b>P 800</b> |
| <b>8000</b>  | 246 | 21                      | 18        | 5   | 8            | 139          | 33           | 105          | 100              | 21         | 23    | 655   | 900               | <b>8000</b>  |
| 200          | 256 | 21                      | 18        | 5   | 8            | 147          | 34           | 109          | 101              | 22         | 23    | 700   | 1000              | 200          |
| 400          | 266 | 20                      | 18        | 6   | 8            | 154          | 35           | 114          | 102              | 23         | 24    | 748   | 1000              | 400          |
| 600          | 276 | 20                      | 19        | 6   | 8            | 162          | 36           | 119          | 103              | 23         | 25    | 797   | 1100              | 600          |
| 800          | 286 | 19                      | 19        | 6   | 9            | 171          | 37           | 124          | 104              | 24         | 26    | 849   | 1200              | 800          |
| <b>9000</b>  | 296 | 19                      | 19        | 6   | 9            | 178          | 38           | 129          | 106              | 25         | 27    | 904   | 1300              | <b>9000</b>  |
| 200          | 307 | 19                      | 19        | 7   | 9            | 186          | 39           | 134          | 107              | 26         | 27    | 959   | 1400              | 200          |
| 400          | 318 | 18                      | 20        | 7   | 9            | 194          | 40           | 139          | 108              | 27         | 28    | 1010  | 1500              | 400          |
| 600          | 329 | 18                      | 20        | 7   | 9            | 202          | 41           | 144          | 109              | 28         | 29    | 1070  | 1600              | 600          |
| 800          | 341 | 17                      | 20        | 8   | 9            | 210          | 42           | 149          | 110              | 29         | 30    | 1140  | 1700              | 800          |
| <b>10000</b> | 352 | 17                      | 21        | 8   | 10           | 219          | 44           | 154          | 111              | 30         | 31    | 1210  | 1700              | <b>10000</b> |
| 200          | 364 | 17                      | 21        | 8   | 10           | 227          | 45           | 159          | 112              | 30         | 32    | 1280  | 1800              | 200          |
| 400          | 376 | 16                      | 21        | 8   | 10           | 236          | 46           | 164          | 114              | 31         | 33    | 1350  | 1900              | 400          |
| 600          | 389 | 16                      | 21        | 8   | 10           | 244          | 47           | 169          | 115              | 32         | 34    | 1430  | 2000              | 600          |
| 800          | 402 | 15                      | 22        | 9   | 10           | 252          | 48           | 174          | 116              | 33         | 35    | 1510  | 2100              | 800          |
| <b>11000</b> | 415 | 15                      | 22        | 9   | 10           | 261          | 50           | 179          | 117              | 34         | 35    | 1590  | 2200              | <b>11000</b> |
| 200          | 429 | 14                      | 22        | 10  | 10           | 269          | 51           | 184          | 118              | 35         | 36    | 1680  | 2300              | 200          |

|               |      |     |    |    |    |     |    |     |     |    |    |      |      |               |
|---------------|------|-----|----|----|----|-----|----|-----|-----|----|----|------|------|---------------|
| 400           | 444  | 14  | 23 | 10 | 11 | 278 | 52 | 188 | 119 | 36 | 37 | 1780 | 2400 | 400           |
| 600           | 459  | 13  | 23 | 11 | 11 | 287 | 53 | 193 | 121 | 37 | 38 | 1880 | 2600 | 600           |
| 800           | 474  | 12  | 23 | 11 | 11 | 295 | 55 | 198 | 122 | 38 | 40 | 1990 | 2700 | 800           |
| <b>12000</b>  | 491  | 12  | 24 | 12 | 11 | 304 | 56 | 202 | 123 | 39 | 41 | 2100 | 2800 | <b>12000</b>  |
| 200           | 508  | 11  | 24 | 12 | 11 | 313 | 58 | 207 | 125 | 40 | 42 | 2220 | 3000 | 200           |
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| <b>13000</b>  | 594  | 7,5 | 26 | 15 | 12 | 349 | 64 | 223 | 131 | 46 | 47 | 2870 | 3800 | <b>13000</b>  |
| 200           | 623  | 6,1 | 27 | 16 | 13 | 358 | 66 | 227 | 133 | 48 | 49 | 3090 | 4000 | 200           |
| 400           | 661  | -   | 27 | 17 | 13 | 369 | 68 | 231 | 135 | 50 | 52 | 3390 | 4300 | 400           |
| <b>M13590</b> | 747  | -   | 28 | 21 | 14 | 383 | 72 | 232 | 138 | 54 | 57 | 4080 | 4900 | <b>M13590</b> |
| 13400         | 831  | 4,6 | 28 | 26 | 15 | 387 | 72 | 226 | 137 | 59 | 62 | 4760 | 5500 | 13400         |
| 200           | 867  | 6,6 | 28 | 28 | 16 | 385 | 72 | 222 | 136 | 61 | 64 | 5040 | 5700 | 200           |
| 13000         | 894  | 8,1 | 28 | 30 | 16 | 383 | 71 | 217 | 134 | 62 | 65 | 5250 | 5900 | 13000         |
| 12800         | 917  | 9,5 | 27 | 32 | 17 | 381 | 70 | 213 | 133 | 63 | 66 | 6030 | 6600 | 12800         |
| 600           | 937  | 11  | 27 | 33 | 17 | 378 | 69 | 209 | 131 | 64 | 67 | 6120 | 6600 | 600           |
| 400           | 955  | 12  | 27 | 35 | 18 | 376 | 69 | 206 | 129 | 65 | 68 | 6210 | 6600 | 400           |
| 200           | 971  | 13  | 26 | 37 | 18 | 373 | 68 | 202 | 127 | 66 | 68 | 6290 | 6700 | 200           |
| 12000         | 987  | 13  | 26 | 38 | 19 | 370 | 67 | 198 | 126 | 66 | 69 | 6370 | 6700 | 12000         |
| 11800         | 1001 | 14  | 25 | 40 | 19 | 368 | 66 | 195 | 124 | 67 | 70 | 6440 | 6700 | 11800         |
| 600           | 1015 | 15  | 25 | 41 | 20 | 365 | 65 | 191 | 122 | 68 | 70 | 6510 | 6800 | 600           |
| 400           | 1028 | 16  | 25 | 43 | 20 | 362 | 64 | 188 | 120 | 68 | 71 | 6570 | 6800 | 400           |
| 200           | 1041 | 16  | 24 | 45 | 21 | 359 | 63 | 184 | 118 | 69 | 71 | 6630 | 6800 | 200           |
| 11000         | 1053 | 17  | 24 | 46 | 21 | 357 | 62 | 181 | 116 | 69 | 72 | 6690 | 6800 | 11000         |

Примечание: На дальностях меньше буквы **P** с жирной линией возможна стрельба на рикошетах.

На дальностях больше буквы **M** с жирной линией – мортирная стрельба.

